QUICKSCAN - CANVAS

Java, Rest API, React, Spring Boot

NAME: Java, Rest API, React, Spring Boot DATE: May 1, 2025 8:58 AM **DESCRIPTION OF TECHNOLOGY**

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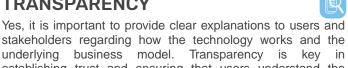
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HUMAN VALUES

The technology doesn't directly affect users' identity, as its primary purpose is functional. However, becoming a user of such an app might subtly change a person's self-perception or public identity, perhaps making them feel more technologically savvy or connected.

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TRANSPARENCY



stakeholders regarding how the technology works and the underlying business model. Transparency is key in establishing trust and ensuring that users understand the processes and mechanisms involved. This includes explaining how the parking technology determines available spaces, allocates parking, and manages user data.

IMPACT ON SOCIETY

The problem this technology aims to solve is the challenge of finding a parking spot when visiting a company or building with limited parking space park far away, I. This can be a the frustrating and time-consuming task for visitors, who may have to circle around the building or leading to delays and inconvenience

STAKEHOLDERS

- Sioux



SUSTAINABILITY



Direct and indirect energy use is taken into account by designing the technology with energy-efficient components, optimizing power consumption, considering the energy footprint of the supply chain, conducting life cycle assessments, and implementing sustainable design principles to minimize energy consumption throughout the technology's life cycle.

HATEFUL AND CRIMINAL ACTORS

Privacy Invasion: If not properly secured, location data could be used to track users' movements, which could be a significant privacy violation. This could potentially lead to stalking or harassment.

Data Breaches: If the app stores personal data, it could be targeted for data breaches. Hackers could steal sensitive information for identity theft or other fraudulent activities.

PRIVACY



The app may require access to location data to function effectively. It might also store personal information if users need to create an account, such as name, email address, and possibly vehicle details.

DATA

Data-driven technologies like this app have to deal with issues like data privacy, accuracy, and bias. For instance, if the app isn't accurate in displaying parking availability, it would lead to user frustration and decreased trust. Likewise, protecting user data is paramount to avoid privacy breaches.



FUTURE

The technology could potentially alleviate congestion and reduce traffic in areas where parking is limited. Visitors would no longer need to circle around buildings or drive long distances to find parking, leading to smoother traffic flow and reduced carbon emissions.

INCLUSIVITY

Yes, the technology may have a built-in bias due to the use of the haar cascade classifier. Like any algorithm, the classifier's accuracy and performance can be influenced by biases in the training data used to develop it. If the training data is not diverse or representative enough, it can result in biased outcomes, particularly in the context of object detection or recognition. Addressing and mitigating this bias is crucial to ensure fair and equitable results from the technology.

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QUICKSCAN - CANVAS - HELPSIDE

data. If the technology collects special personal data (like...

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NAME: Java, Rest API, React, Spring Boot DATE: May 1, 2025 8:58 AM DESCRIPTION OF TECHNOLOGY	HUMAN VALUES How is the identity of the (intended) users affected by the technology? To help you answer this question think about sub questions like: - If two friends use your product, how could it enhance or detract from their relationship? - Does your product create new ways for people to interact?	TRANSPARENCY Is it explained to the users/stakeholders how the technology works and how the business model works? - Is it easy for users to find out how the technology works? - Can a user understand or find out why your technology behaves in a certain way? - Are the goals explained? - Is the idea of the technology explained? - Is the technology company transparent about the way their
IMPACT ON SOCIETY What is exactly the problem? Is it really a problem? Are	STAKEHOLDERS Who are the main users/targetgroups/stakeholders for	SUSTAINABILITY In what way is the direct and indirect energy use of this
you sure? Can you exactly define what the challenge is? What problem (what 'pain') does this technology want to solve? Can you make a clear definition of the problem? What 'pain' does this technology want to ease? Whose pain? Is it really a problem? For who? Will solving the problem make the world better? Are you sure? The problem definition will help you to determine	this technology? Think about the intended context by When thinking about the stakeholders, the most obvious one are of course the intended users, so start there. Next, list the stakeholders that are directly affected. Listing the users and directly affected stakeholders also gives an impression of the intended context of the technology. 	technology taken into account? One of the most prominent impacts on sustainability is energy efficiency. Consider what service you want this technology to provide and how this could be achieved with a minimal use of energy. Are improvements possible?
HATEFUL AND CRIMINAL ACTORS In which way can the technology be used to break the law or avoid the consequences of breaking the law? Can you imagine ways that the technology can or will be used	DATA Are you familiar with the fundamental shortcomings and pitfalls of data and do you take this sufficiently into There are fundamental issues with data. For example:	FUTURE What could possibly happen with this technology in the future? Discuss this quickly and note your first thoughts here. Think
to break the law? Think about invading someone's privacy. Spying. Hurting people. Harassment. Steal things. Fraud/ identity theft and so on. Or will people use the technology to avoid facing the consequences of breaking the law (using trackers to evade speed radars or using bitcoins to launder	 Data is always subjective; Data collections are never complete; Correlation and causation are tricky concepts; Data collections are often biased; 	about what happens when 100 million people use your product. How could communities, habits and norms change?
PRIVACY		FIND US ON WWW.TICT.IO
Does the technology register personal data? If yes, what personal data? If this technology registers personal data you have to be	Does this technology have a built-in bias? Do a brainstorm. Can you find a built-in bias in this	THIS CANVAS IS PART OF THE TECHNOLOGY IMPACT CYCLE TOOL. THIS CANVAS IS THE RESULT OF A QUICKSCAN. YOU CAN FILL OUT THE FULL TICT ON
aware of privacy legislation and the concept of privacy. Think hard about this question. Remember: personal data can be interpreted in a broad way. Maybe this technology does not collect personal data, but can be used to assemble personal	technology? Maybe because of the way the data was collected, either by personal bias, historical bias, political bias or a lack of diversity in the people responsible for the design of the technology? How do you know this is not the	

case? Be critical. Be aware of your own biases....